

**Amendments to the Claims:** This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A method of processing received radio signals in a receiver operating according to the DRM standard, in which the signals are converted to the receiver's baseband frequency, sampled and then subject to Fourier transformation to resolve QAM constellation points, ~~characterized in that~~wherein, for transmission modes in which the number of carriers is not a power of 2 the sample rate of the signal on which the Fourier transform is performed is power-of-two multiple of the desired frequency spacing in the transform output and the Fourier transformation is a power-of-two fast Fourier Transformation.

2. (Original) A method as claimed in claim 1 in which the signals are sampled at a first rate, interpolated to a higher sampling rate, subject to the Fast Fourier transformation and then decimated to remove unwanted frequency bins.

3. (Currently Amended) A method as claimed in claim 1 or 2 in which the sample rate is obtained from ~~the~~a desired number of carriers, rounded up to ~~the~~a nearest higher power of two and multiplied by the desired frequency spacing.

4. (Currently Amended) A method as claimed in claim ~~1, 2 or 3~~1 or 2 for processing signals having a variety of numbers of carriers having respective desired frequency spacings, in which the signals are sampled or interpolated to produce a digital signal for Fourier transformation ~~whose and in which the sample rate of the digital signal is a multiple of the different ones of the~~desired frequency spacings of the carriers.